



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2009
Code: 10261195
SAU: Brunswick School Department
School: Brunswick Jr High School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9

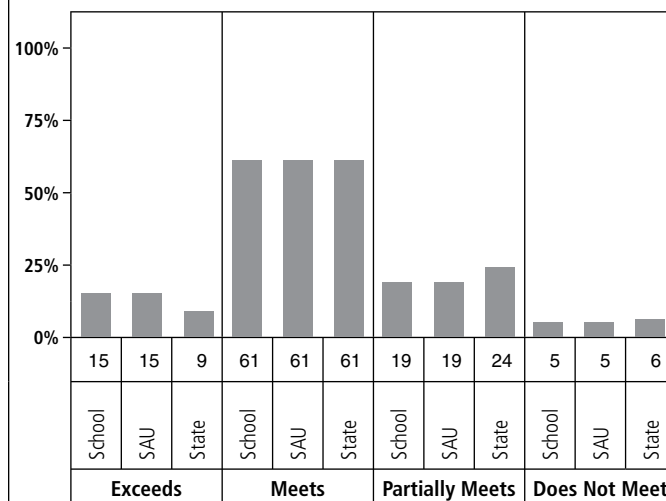
SUMMARY OF SCORES

Test Date: March 2009
Grade: 6
SAU: Brunswick School Department
School: Brunswick Jr High School

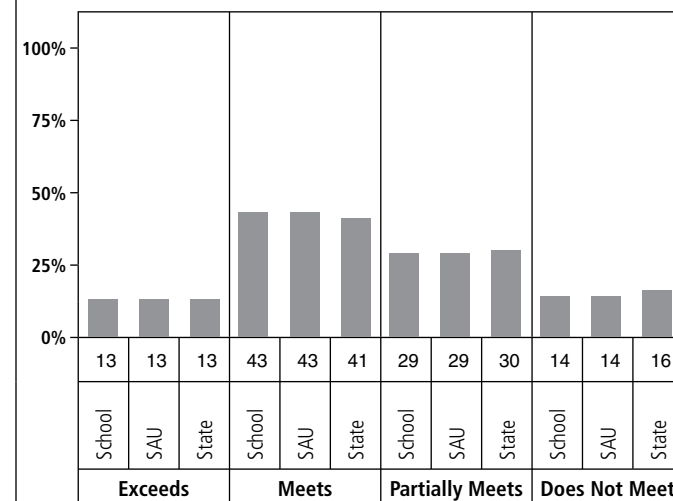
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	649	649	646
2007–2008	650	650	648
2008–2009	649	649	647
Cum. Avg.*	649	649	647
Mathematics			
2006–2007	646	646	643
2007–2008	645	645	642
2008–2009	644	644	643
Cum. Avg.*	645	645	643

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 6
SAU: Brunswick School Department
School: Brunswick Jr High School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	237	100	237	100	14251	100	235	100	235	100	14150	99	233	99	233	99	14156	100						
Ethnicity African American/Black	14	6	14	6	421	3	14	100	14	100	412	98	13	93	13	93	415	99						
American Indian or Native Alaskan	0	0	0	0	128	1	0	0	0	0	127	99	0	0	0	0	128	100						
Asian or Pacific Islander	5	2	5	2	212	1	5	100	5	100	210	99	5	100	5	100	212	100						
Hispanic	9	4	9	4	181	1	9	100	9	100	177	98	8	89	8	89	178	99						
Caucasian/White	209	88	209	88	13309	93	207	100	207	100	13224	100	207	100	207	100	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	33	14	33	14	2468	17	31	97	31	97	2423	99	31	97	31	97	2426	99						
Current LEP	4	2	4	2	341	2	4	100	4	100	330	97	3	75	3	75	338	99						
Economically disadvantaged	74	31	74	31	5780	41	72	99	72	99	5724	99	71	97	71	97	5725	99						
Migrant	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	198	84	198	84	11369	80	198	84	198	84	11373	80						
Identified disability (PET/IEP)	0	0	0	0	355	3	0	0	0	0	371	3						
LEP	0	0	0	0	167	1	0	0	0	0	170	1						
504 plan	6	3	6	3	172	2	6	3	6	3	175	2						
Participation with accommodations	33	14	33	14	2594	18	31	13	31	13	2605	18						
Identified disability (PET/IEP)	27	82	27	82	1881	73	27	87	27	87	1877	72						
LEP	4	12	4	12	155	6	3	10	3	10	161	6						
504 plan	1	3	1	3	74	3	1	3	1	3	71	3						
Other	3	9	3	9	519	20	2	6	2	6	532	20						
Participation through alternate assessment (PAAP)	4	2	4	2	187	1	4	2	4	2	178	1						
Identified disability (PET/IEP)	4	100	4	100	187	100	4	100	4	100	178	100						
LEP	0	0	0	0	8	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	1	0	1	0	26	0	1	0	1	0	25	0						
Non-participation – other	1	0	1	0	75	1	3	1	3	1	70	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 6
SAU: Brunswick School Department
School: Brunswick Jr High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 662–680)	2006-2007	31	14	31	14	1132	8
	2007-2008	43	18	43	18	1817	13
	2008-2009	34	15	34	15	1309	9
	Cum. Total*	108	16	108	16	4258	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 642–660)	2006-2007	124	58	124	57	8127	57
	2007-2008	125	53	125	53	8072	57
	2008-2009	141	61	141	61	8564	61
	Cum. Total*	390	57	390	57	24763	59
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 630–640)	2006-2007	42	20	42	19	3549	25
	2007-2008	49	21	49	21	3194	23
	2008-2009	44	19	44	19	3291	24
	Cum. Total*	135	20	135	20	10034	24
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 600–628)	2006-2007	17	8	19	9	1478	10
	2007-2008	17	7	17	7	981	7
	2008-2009	12	5	12	5	799	6
	Cum. Total*	46	7	48	7	3258	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	35.3	63.0	35.3	63.0	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	20	36	12.5	62.5	12.5	62.5	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	22.7	63.1	22.7	63.1	21.9	60.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: Brunswick School Department
 School: Brunswick Jr High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	231	34	15	141	61	44	19	12	5	649	231	15	61	19	5	649	13963	9	61	24	6	647
Ethnicity																						
African American/Black	14	0	0	8	57	5	36	1	7	643	14	0	57	36	7	643	403	5	46	34	15	641
American Indian or Native Alaskan	0										0						125	4	49	38	10	642
Asian or Pacific Islander	5	2	40	2	40	1	20	0	0	656	5	40	40	20	0	656	206	18	56	20	6	649
Hispanic	8	3	38	4	50	0	0	1	13	647	8	38	50	0	13	647	174	5	55	33	7	644
Caucasian/White	204	29	14	127	62	38	19	10	5	649	204	14	62	19	5	649	13055	9	62	23	5	647
Not Reported	0										0						0					
Identified disability																						
Yes	27	0	0	4	15	12	44	11	41	632	27	0	15	44	41	632	2236	1	30	48	22	637
No	204	34	17	137	67	32	16	1	0	651	204	17	67	16	0	651	11727	11	67	19	3	649
Current LEP																						
Yes	4										4						322	2	39	37	21	638
No	227	34	15	139	61	44	19	10	4	649	227	15	61	19	4	649	13641	10	62	23	5	647
Economically disadvantaged																						
Yes	70	2	3	42	60	21	30	5	7	644	70	3	60	30	7	644	5617	4	54	33	9	643
No	161	32	20	99	61	23	14	7	4	651	161	20	61	14	4	651	8346	13	66	17	3	650
Migrant																						
Yes	0										0						4					
No	231	34	15	141	61	44	19	12	5	649	231	15	61	19	5	649	13959	9	61	24	6	647
Gender																						
Female	114	23	20	73	64	15	13	3	3	652	114	20	64	13	3	652	6743	13	63	20	4	649
Male	117	11	9	68	58	29	25	9	8	646	117	9	58	25	8	646	7220	6	60	27	7	645
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1408	4	41	43	12	641
No	231	34	15	141	61	44	19	12	5	649	231	15	61	19	5	649	12555	10	64	21	5	648
Gifted/talented program																						
Yes	0										0						636	39	59	2	0	659
No	231	34	15	141	61	44	19	12	5	649	231	15	61	19	5	649	13327	8	61	25	6	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: Brunswick School Department
School: Brunswick Jr High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	0	0	0	0	6	75	2	25	632	3	0	0	75	25	632	6	5	47	32	16	642
B. less than one hour	57	16	12	88	67	19	15	8	6	649	57	12	67	15	6	649	59	9	62	24	5	647
C. one to two hours	37	17	20	51	60	16	19	1	1	651	37	20	60	19	1	651	32	11	64	21	4	648
D. more than two hours	2	1	20	2	40	2	40	0	0	645	2	20	40	40	0	645	3	10	50	26	13	644
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	33	16	21	53	71	4	5	2	3	653	33	21	71	5	3	653	31	17	66	14	3	651
B. good	50	17	15	67	59	22	19	7	6	649	50	15	59	19	6	649	48	8	64	23	5	647
C. fair	14	0	0	18	56	12	38	2	6	642	14	0	56	38	6	642	18	2	48	40	10	641
D. poor	3	0	0	2	29	5	71	0	0	638	3	0	29	71	0	638	2	1	34	47	18	638
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	48	21	19	68	62	19	17	1	1	652	48	19	62	17	1	652	38	13	65	18	3	650
B. They match some of what I have learned.	44	13	13	64	63	16	16	8	8	648	44	13	63	16	8	648	49	8	63	24	5	647
C. They match just a little of what I have learned.	6	0	0	6	43	7	50	1	7	642	6	0	43	50	7	642	10	5	48	36	11	642
D. There is no match.	2	0	0	3	60	1	20	1	20	641	2	0	60	20	20	641	3	3	35	38	24	639
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	17	2	5	21	55	11	29	4	11	644	17	5	55	29	11	644	16	7	52	30	11	644
B. about the same as my regular schoolwork	64	26	18	93	63	24	16	4	3	651	64	18	63	16	3	651	66	10	64	22	4	648
C. easier than my regular schoolwork	19	6	14	27	61	8	18	3	7	648	19	14	61	18	7	648	17	11	61	22	5	648
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	8	1	5	5	26	9	47	4	21	639	8	5	26	47	21	639	10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	53	9	7	83	69	23	19	6	5	648	53	7	69	19	5	648	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	39	24	27	53	60	11	12	1	1	653	39	27	60	12	1	653	35	16	67	14	3	651
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	45	12	12	65	63	20	19	6	6	648	45	12	63	19	6	648	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	52	21	18	72	61	21	18	4	3	650	52	18	61	18	3	650	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	3	1	14	4	57	2	29	0	0	651	3	14	57	29	0	651	3	3	53	29	15	642
How much time do you spend reading at home each day?																						
A. more than one hour	27	16	26	41	67	2	3	2	3	653	27	26	67	3	3	653	23	15	65	16	4	650
B. 20 minutes to an hour	46	16	15	69	65	18	17	3	3	651	46	15	65	17	3	651	49	10	64	22	4	648
C. less than 20 minutes	14	1	3	20	65	8	26	2	6	646	14	3	65	26	6	646	11	6	58	29	7	645
D. I rarely read at home.	14	1	3	11	35	15	48	4	13	639	14	3	35	48	13	639	17	2	51	36	11	642
Optional school/SAU question																						
A.	50	0	0	0	0	1	100	0	0	632	50	0	0	100	0	632						
B.	50	0	0	0	0	1	100	0	0	640	50	0	0	100	0	640						
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 6
SAU: Brunswick School Department
School: Brunswick Jr High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 662–680)	2006-2007	48	22	48	22	2092	15
	2007-2008	35	15	35	15	1474	10
	2008-2009	30	13	30	13	1807	13
	Cum. Total*	113	17	113	17	5373	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 642–660)	2006-2007	83	39	83	38	5731	40
	2007-2008	106	45	106	45	6008	43
	2008-2009	99	43	99	43	5662	41
	Cum. Total*	288	43	288	42	17401	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 628–640)	2006-2007	56	26	56	26	4175	29
	2007-2008	55	24	55	24	4244	30
	2008-2009	67	29	67	29	4219	30
	Cum. Total*	178	26	178	26	12638	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 600–626)	2006-2007	27	13	29	13	2308	16
	2007-2008	37	16	37	16	2346	17
	2008-2009	33	14	33	14	2290	16
	Cum. Total*	97	14	99	15	6944	16

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	31.4	56.1	31.4	56.1	30.6	54.6
A. Number	18	32	10.3	57.2	10.3	57.2	10.3	57.2
B. Data	12	21	7.1	59.2	7.1	59.2	6.6	55.0
C. Geometry	14	25	7.4	52.9	7.4	52.9	7.3	52.1
D. Algebra	12	21	6.6	55.0	6.6	55.0	6.5	54.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: Brunswick School Department
 School: Brunswick Jr High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	229	30	13	99	43	67	29	33	14	644	229	13	43	29	14	644	13978	13	41	30	16	643
Ethnicity																						
African American/Black	13	1	8	4	31	4	31	4	31	634	13	8	31	31	31	634	406	4	26	36	34	633
American Indian or Native Alaskan	0										0						126	4	29	40	28	635
Asian or Pacific Islander	5	1	20	2	40	2	40	0	0	652	5	20	40	40	0	652	208	18	47	23	12	647
Hispanic	7	1	14	3	43	3	43	0	0	649	7	14	43	43	0	649	175	5	31	41	23	638
Caucasian/White	204	27	13	90	44	58	28	29	14	644	204	13	44	28	14	644	13063	13	41	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	27	0	0	3	11	7	26	17	63	624	27	0	11	26	63	624	2248	3	18	33	46	629
No	202	30	15	96	48	60	30	16	8	647	202	15	48	30	8	647	11730	15	45	30	11	646
Current LEP																						
Yes	3										3						331	3	22	35	40	631
No	226	29	13	99	44	66	29	32	14	644	226	13	44	29	14	644	13647	13	41	30	16	643
Economically disadvantaged																						
Yes	69	2	3	21	30	31	45	15	22	637	69	3	30	45	22	637	5620	6	33	37	25	637
No	160	28	18	78	49	36	23	18	11	647	160	18	49	23	11	647	8358	18	45	26	11	647
Migrant																						
Yes	0										0						4					
No	229	30	13	99	43	67	29	33	14	644	229	13	43	29	14	644	13974	13	41	30	16	643
Gender																						
Female	113	11	10	54	48	37	33	11	10	645	113	10	48	33	10	645	6738	12	40	32	16	642
Male	116	19	16	45	39	30	26	22	19	643	116	16	39	26	19	643	7240	14	41	29	16	644
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1410	3	24	41	32	634
No	229	30	13	99	43	67	29	33	14	644	229	13	43	29	14	644	12568	14	42	29	15	644
Gifted/talented program																						
Yes	0										0						637	65	32	3	0	665
No	229	30	13	99	43	67	29	33	14	644	229	13	43	29	14	644	13341	10	41	31	17	642

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 6
 SAU: Brunswick School Department
 School: Brunswick Jr High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	0	0	0	0	1	13	7	88	614	3	0	0	13	88	614	6	7	32	28	32	636
B. less than one hour	57	17	13	59	45	35	27	20	15	644	57	13	45	27	15	644	59	13	41	30	16	643
C. one to two hours	37	12	14	40	47	27	32	6	7	647	37	14	47	32	7	647	32	14	41	31	14	644
D. more than two hours	2	1	20	0	0	4	80	0	0	639	2	20	0	80	0	639	3	11	31	33	26	639
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	29	15	23	31	48	13	20	6	9	650	29	23	48	20	9	650	30	27	45	18	9	651
B. good	49	13	12	51	46	35	31	13	12	644	49	12	46	31	12	644	46	9	45	31	15	643
C. fair	21	2	4	14	30	19	40	12	26	636	21	4	30	40	26	636	20	2	29	43	26	635
D. poor	2	0	0	2	50	0	0	2	50	634	2	0	50	0	50	634	4	1	15	46	38	630
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	27	17	27	23	37	13	21	9	15	648	27	27	37	21	15	648	35	18	42	27	13	646
B. They match some of what I have learned.	61	13	9	67	48	46	33	14	10	644	61	9	48	33	10	644	50	11	43	31	15	643
C. They match just a little of what I have learned.	9	0	0	7	33	7	33	7	33	635	9	0	33	33	33	635	13	8	31	36	26	638
D. There is no match.	2	0	0	1	20	1	20	3	60	624	2	0	20	20	60	624	3	5	16	27	51	628
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	34	7	9	34	44	23	30	13	17	642	34	9	44	30	17	642	32	7	40	34	20	640
B. about the same as my regular schoolwork	62	23	16	60	43	43	30	15	11	646	62	16	43	30	11	646	56	13	42	30	15	644
C. easier than my regular schoolwork	5	0	0	5	45	1	9	5	45	635	5	0	45	9	45	635	12	31	36	20	13	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	52	12	10	51	43	45	38	12	10	644	52	10	43	38	10	644	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	46	17	16	47	45	21	20	20	19	645	46	16	45	20	19	645	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	2	1	25	1	25	1	25	1	25	646	2	25	25	25	25	646	4	12	28	32	28	638
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	6	1	7	6	43	4	29	3	21	636	6	7	43	29	21	636	6	8	29	29	34	635
B. 30–45 minutes	61	17	12	52	38	48	35	21	15	643	61	12	38	35	15	643	33	10	37	34	19	641
C. 45–60 minutes	31	11	15	40	56	13	18	7	10	649	31	15	56	18	10	649	45	15	44	29	12	645
D. more than 60 minutes	2	1	20	0	0	2	40	2	40	630	2	20	0	40	40	630	16	15	41	28	16	644
How often do you use calculators in mathematics class?																						
A. almost every day	4	1	11	4	44	2	22	2	22	644	4	11	44	22	22	644	9	14	35	29	22	641
B. two or three days a week	25	10	18	22	39	18	32	6	11	646	25	18	39	32	11	646	26	15	40	30	16	644
C. two or three times each month	41	12	13	45	48	25	27	11	12	645	41	13	48	27	12	645	31	13	43	30	14	644
D. never or almost never	30	7	10	27	39	22	32	13	19	641	30	10	39	32	19	641	34	11	40	31	18	642
How often do you use hands-on materials in mathematics class?																						
A. almost every day	24	2	4	20	38	19	36	12	23	639	24	4	38	36	23	639	17	8	35	33	24	639
B. two or three days a week	37	15	18	38	46	20	24	10	12	647	37	18	46	24	12	647	28	13	42	30	15	643
C. two or three times each month	29	9	14	31	48	17	26	8	12	645	29	14	48	26	12	645	31	15	43	30	13	645
D. never or almost never	10	4	17	7	30	9	39	3	13	642	10	17	30	39	13	642	23	14	39	30	17	643
Optional school/SAU question																						
A.	50	0	0	0	0	0	0	1	100	600	50	0	0	0	100	600						
B.	50	0	0	0	0	1	100	0	0	630	50	0	0	100	0	630						
C.	0										0											
D.	0										0											

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